

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listing, of claims in the application.

**Listing of Claims:**

1. (Currently Amended) An dazzle prevention device having an electromagnetic wave detection function, the device protecting eyes of an operator from light generated from a welding or cutting torch, comprising:

optical detection means for detecting light generated from the welding or cutting torch;

electromagnetic wave sensor means for detecting an electromagnetic wave generated from the welding or cutting torch;

electromagnetic wave detection means for comparing a signal, which is input through the electromagnetic wave sensor means and resonated with a variably set reference value when an electromagnetic wave detection means drive signal is applied ;

control means for, as the optical detection means starts to detect light, applying the electromagnetic wave detection [[mean]] ~~means~~ drive signal to the electromagnetic wave detection means and monitoring variation of an electromagnetic signal using an output of the electromagnetic wave detection means; and

light transmission control means for controlling variation of light transmittance of [[the]]~~a~~ dazzle prevention plate in response to an output signal from the control means[[.]],

wherein the electromagnetic wave detection means includes a user interface that comprises:

mode selection means capable of allowing the operator to select mode 1 using only the optical detection means or mode 2 using both the optical detection means and the electromagnetic wave detection means; and

display means capable of displaying a selected mode.

2. (Cancelled)

3. (Currently Amended) The device according to ~~claim 2~~ claim 1, wherein the control means can apply the electromagnetic wave detection means drive signal only when the mode 2 is selected by the mode selection means.

4. (Cancelled)

5. (Cancelled)

6. (Currently Amended) The device according to ~~claim 2~~ claim 1, wherein the user interface further comprises digital adjustment means capable of varying a resistance value of [[the]]~~a~~ variable resistor.

7. (Original) The according to claim 6, wherein the display means additionally displays an electromagnetic wave detection sensitivity number.